|  |  |  |  |
| --- | --- | --- | --- |
| Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | http://www.edhelperclipart.com/clipart/edhelp1.gif | Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Relations and Functions**  
(Answer ID # 0131799)

**State the domain for each.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 1. | {(-1, -3), (9, -1),  (-6, -9), (0, -4),  (2, -1), (-2, -3)} | | |  |  | | --- | --- | | 2. | {(3, 3), (-6, -8),  (4, -5), (6, 6)} | | |  |  | | --- | --- | | 3. | {(83, -114), (60, -111),  (18, 108), (81, -103),  (30, -110), (50, -111)} | |
| |  |  | | --- | --- | | 4. | {(71, -89), (63, 81),  (78, -85), (-10, -88),  (51, 81)} | | |  |  | | --- | --- | | 5. | {(-33, -105), (-15, 41),  (79, -47), (91, 41)} | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 6. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | x + 36 | | |  |  | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 7. | |  |  |  | | --- | --- | --- | | y = | |  | | --- | | x http://www.edhelperclipart.com/clipart/fractdiv4.gif x + 40 | | | | |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 8. | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | x + 46 | | |  |  | | + 23 | | | |  |  | | --- | --- | | 9. | y = 3x - 11 | |
| |  |  | | --- | --- | | 10. | y = x2 + 80 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 11. | |  |  |  | | --- | --- | --- | | y = | |  | | --- | | 42 http://www.edhelperclipart.com/clipart/fractdiv4.gif x + 37 | | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 12. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | -159 - x | | |  |  | | | |
| |  |  | | --- | --- | | 13. | y = 25 - 10x2 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 14. | |  |  |  | | --- | --- | --- | | y = | |  | | --- | | 564 http://www.edhelperclipart.com/clipart/fractdiv3.gif x | | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 15. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | 113 - x | | |  |  | | | |
| |  |  | | --- | --- | | 16. | y = -5x3 + 8 | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 17. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | -181 - x | | |  |  | | | | |  |  | | --- | --- | | 18. | y = 6 - 12x2 | |
| |  |  | | --- | --- | | 19. | y = 9x3 + 5 | | |  |  | | --- | --- | | 20. | y = -8x + 4 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 21. | |  |  |  | | --- | --- | --- | | y = | |  | | --- | | 69 http://www.edhelperclipart.com/clipart/fractdiv4.gif x - 41 | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 22. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = - | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | -188 - x | | |  |  | | | | |  |  | | --- | --- | | 23. | y = 88(6x - 9)2 | | |  |  | | --- | --- | | 24. | y = |5x - 12| | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 25. | |  |  |  | | --- | --- | --- | | y = | |  | | --- | | x http://www.edhelperclipart.com/clipart/fractdiv4.gif x + 20 | | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 26. | |  |  |  |  | | --- | --- | --- | --- | | y = | |  | | --- | | 678  (x + 4,265)8 | | + 2 | | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 27. | |  |  |  | | --- | --- | --- | | y = | |  | | --- | | 12 http://www.edhelperclipart.com/clipart/fractdiv4.gif x - 15 | | | |
| |  |  | | --- | --- | | 28. | y = 67 - 8x2 | | |  |  | | --- | --- | | 29. | y = -3x3 + 7 | | |  |  | | --- | --- | | 30. | y = (10x - 2)3 - 85 | |
| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 31. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = - | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | 182 - x | | |  |  | | | | |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 32. | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | x + 36 | | |  |  | | + 11 | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 33. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | 187 - x | | |  |  | | | |
| |  |  | | --- | --- | | 34. | y = (5x + 4)19 + 151 | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 35. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | -117 - x | | |  |  | | | | |  |  | | --- | --- | | 36. | y = 131(9x - 3)62 | |
| |  |  | | --- | --- | | 37. | y = x2 + 49 | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 38. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | x + 31 | | |  |  | | | | |  |  | | --- | --- | | 39. | y = -5x - 4 | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 40. | |  |  |  | | --- | --- | --- | | y = | |  | | --- | | 299 http://www.edhelperclipart.com/clipart/fractdiv3.gif x | | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 41. | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | y = | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | http://www.edhelperclipart.com/clipart/divilr.jpg | |  | | --- | |  | | 199 - x | | |  |  | | | | |  |  | | --- | --- | | 42. | y = -10x3 - 11 | |